0590
08/16

#2

CRF Errors Corrected by the SEQC Systems Branch

Serial Number: US/09/921,994

CRF Processing Date: 10/09/01
Edited by: MH
Verified by: _____ (ST

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by tl applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integ

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic lin[illegible] SEQ ID NO's edited:

_____

ENTERED

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (er due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____

_____

_____

_____

*Examiner: The above corrections must be communicated to the applicant in the first Offic Action. DO NOT send a copy of this form.

3/1/9

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/921,994

DATE: 10/09/2001
TIME: 12:22:04

Input Set : A:\PTO.MH.txt
Output Set: N:\CRF3\10092001\I921994.raw

4 <110> APPLICANT: Bowman, Michael R.
6 <120> TITLE OF INVENTION: NOVEL EBI-3-ALT PROTEIN AND NUCLEIC ACID
7 MOLECULES AND USES THEREFOR
11 <130> FILE REFERENCE: GIN-5381
C--> 13 **<140> CURRENT APPLICATION NUMBER: US/09/921,994**
C--> 13 **<141> CURRENT FILING DATE: 2000-08-03**
13 <150> PRIOR APPLICATION NUMBER: 60/223,285
14 <151> PRIOR FILING DATE: 2000-08-03
16 <160> NUMBER OF SEQ ID NOS: 5
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 868
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 ataagaatgc ggccgcatga ccccgcagct tctcctggcc cttgtcctct gggccagctg 60
27 cccgccccgc agtggaagga aagggccccc agcagctctg acactgcccc gggtgcaatg 120
28 ccgagcctct cggtacccga tcgccgtgga ttgctcctgg accctgccgc atgaccccgc 180
29 agcttctcct ggcccttgtc ctctgggcca gctgcccgcc ctgcggtgga aggaaagggc 240
30 ccccagcagc tctgacactg ccccgggtgc aatgccgagc ctctcggtac ccgatcgccg 300
31 tggattgctc ctggaccctg ccgcctgctc caaactccac cagccccgtg tccttcattg 360
32 ccacgtacag gctcggcatg gctgcccggg gccacagctg gccttgcctg cagcagacgc 420
33 caacgtccac cagctgcacc atcacggatg tccagctgtt ctccatggct ccctacgtgc 480
34 tcaatgtcac cgccgtccgc ccctggggct ccagcagcag cttcgtgcct ttcataacag 540
35 agcacatcat caagcccgac cctccagaag gcgtgcgcct aagccccctc gctgagcgcc 600
36 agctacaggt gcagtgggag cctcccgggt cctggccctt cccagagatc ttctcactga 660
37 agtactggat ccgttacaag cgtcagggag ctgcgcgctt ccaccgggtg gggcccattg 720
38 aagccacgtc cttcatcctc agggctgtgc ggccccgagc caggtactac gtccaagtgg 780
39 cggctcagga cctcacagac tacggggaac tgagtgactg gagtctcccc gccactgcca 840
40 caatgagcct gggcaagtag actagtcc 868
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 192
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 2
48 Met Thr Pro Gln Leu Leu Leu Ala Leu Val Leu Trp Ala Ser Cys Pro
49 1 5 10 15
50 Pro Arg Ser Gly Arg Lys Gly Pro Pro Ala Ala Leu Thr Leu Pro Arg
51 20 25 30
52 Val Gln Cys Arg Ala Ser Arg Tyr Pro Ile Ala Val Asp Cys Ser Trp
53 35 40 45
54 Thr Leu Pro His Asp Pro Ala Ala Ser Pro Gly Pro Cys Pro Leu Gly
55 50 55 60
56 Gln Leu Pro Ala Leu Arg Trp Lys Glu Arg Ala Pro Ser Ser Ser Asp
57 65 70 75 80
58 Thr Ala Pro Gly Ala Met Pro Ser Leu Ser Val Pro Asp Arg Arg Gly
59 85 90 95

ENTERED

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: US/09/921,994 TIME: 12:22:04

Input Set : A:\PTO.MH.txt
Output Set: N:\CRF3\10092001\I921994.raw

```
60 Leu Leu Leu Asp Pro Ala Ala Cys Ser Lys Leu His Gln Pro Arg Val
61             100                 105                 110
62 Leu His Cys His Val Gln Ala Arg His Gly Cys Pro Gly Pro Gln Leu
63         115                 120                 125
64 Ala Leu Pro Ala Ala Asp Ala Asn Val His Gln Leu His His His Gly
65     130                 135                 140
66 Cys Pro Ala Val Leu His Gly Ser Leu Arg Ala Gln Cys His Arg Arg
67 145                 150                 155                 160
68 Pro Pro Leu Gly Leu Gln Gln Gln Leu Arg Ala Phe His Asn Arg Ala
69                 165                 170                 175
70 His His Gln Ala Arg Pro Ser Arg Arg Arg Ala Pro Lys Pro Pro Arg
71             180                 185                 190
74 <210> SEQ ID NO: 3
75 <211> LENGTH: 192
76 <212> TYPE: PRT
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 3
80 Met Thr Pro Gln Leu Leu Leu Ala Leu Val Leu Trp Ala Ser Cys Pro
81  1               5                  10                  15
82 Pro Arg Ser Gly Arg Lys Gly Pro Pro Ala Ala Leu Thr Leu Pro Arg
83             20                  25                  30
84 Val Gln Cys Arg Ala Ser Arg Tyr Pro Ile Ala Val Asp Cys Ser Trp
85         35                  40                  45
86 Thr Leu Pro His Asp Pro Ala Ala Ser Pro Gly Pro Cys Pro Leu Gly
87     50                  55                  60
88 Gln Leu Pro Ala Leu Arg Trp Lys Glu Arg Ala Pro Ser Ser Ser Asp
89 65                  70                  75                  80
90 Thr Ala Pro Gly Ala Met Pro Ser Leu Ser Val Pro Asp Arg Arg Gly
91                 85                  90                  95
92 Leu Leu Leu Asp Pro Ala Ala Cys Ser Lys Leu His Gln Pro Arg Val
93             100                 105                 110
94 Leu His Cys His Val Gln Ala Arg His Gly Cys Pro Gly Pro Gln Leu
95         115                 120                 125
96 Ala Leu Pro Ala Ala Asp Ala Asn Val His Gln Leu His His His Gly
97     130                 135                 140
98 Cys Pro Ala Val Leu His Gly Ser Leu Arg Ala Gln Cys His Arg Arg
99 145                 150                 155                 160
100 Pro Pro Leu Gly Leu Gln Gln Gln Leu Arg Ala Phe His Asn Arg Ala
101                165                 170                 175
102 His His Gln Ala Arg Pro Ser Arg Arg Arg Ala Pro Lys Pro Pro Arg
103            180                 185                 190
106 <210> SEQ ID NO: 4
107 <211> LENGTH: 229
108 <212> TYPE: PRT
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 4
112 Met Thr Pro Gln Leu Leu Leu Ala Leu Val Leu Trp Ala Ser Cys Pro
113  1               5                  10                  15
114 Pro Cys Ser Gly Arg Lys Gly Pro Pro Ala Ala Leu Thr Leu Pro Arg
```

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: US/09/921,994 TIME: 12:22:04

Input Set : A:\PTO.MH.txt
Output Set: N:\CRF3\10092001\I921994.raw

```
115             20                  25                  30
116 Val Gln Cys Arg Ala Ser Arg Tyr Pro Ile Ala Val Asp Cys Ser Trp
117         35                  40                  45
118 Thr Leu Pro Pro Ala Pro Asn Ser Thr Ser Pro Val Ser Phe Ile Ala
119     50                  55                  60
120 Thr Tyr Arg Leu Gly Met Ala Ala Arg Gly His Ser Trp Pro Cys Leu
121 65                  70                  75                  80
122 Gln Gln Thr Pro Thr Ser Thr Ser Cys Thr Ile Thr Asp Val Gln Leu
123                 85                  90                  95
124 Phe Ser Met Ala Pro Tyr Val Leu Asn Val Thr Ala Val His Pro Trp
125             100                 105                 110
126 Gly Ser Ser Ser Ser Phe Val Pro Phe Ile Thr Glu His Ile Ile Lys
127         115                 120                 125
128 Pro Asp Pro Pro Glu Gly Val Arg Leu Ser Pro Leu Ala Glu Arg His
129     130                 135                 140
130 Val Gln Val Gln Trp Glu Pro Pro Gly Ser Trp Pro Phe Pro Glu Ile
131 145                 150                 155                 160
132 Phe Ser Leu Lys Tyr Trp Ile Arg Tyr Lys Arg Gln Gly Ala Ala Arg
133                 165                 170                 175
134 Phe His Arg Val Gly Pro Ile Glu Ala Thr Ser Phe Ile Leu Arg Ala
135             180                 185                 190
136 Val Arg Pro Arg Ala Arg Tyr Tyr Val Gln Val Ala Ala Gln Asp Leu
137         195                 200                 205
138 Thr Asp Tyr Gly Glu Leu Ser Asp Trp Ser Leu Pro Ala Thr Ala Thr
139     210                 215                 220
140 Met Ser Leu Gly Lys
141 225
144 <210> SEQ ID NO: 5
145 <211> LENGTH: 14
146 <212> TYPE: PRT
147 <213> ORGANISM: Homo sapiens
149 <220> FEATURE:
150 <221> NAME/KEY: misc_feature
151 <222> LOCATION: 13
152 <223> OTHER INFORMATION: Xaa may be any amino acid
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: 2
156 <223> OTHER INFORMATION: Xaa may be Leu, Val, Phe, Tyr or Arg
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (3)...(10)
160 <223> OTHER INFORMATION: Any one Xaa may be absent, intending to equal a
161       range from 7-8 amino acids, which may be any amino
162       acid
164 <221> NAME/KEY: misc_feature
165 <222> LOCATION: 11
166 <223> OTHER INFORMATION: Xaa may be Ser, Thr, Ile, Val, Asp or Asn
168 <400> SEQUENCE: 5
W--> 169 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Trp
170  1               5                   10
```

VERIFICATION SUMMARY DATE: 10/09/2001
PATENT APPLICATION: US/09/921,994 TIME: 12:22:05

Input Set : A:\PTO.MH.txt
Output Set: N:\CRF3\10092001\I921994.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5